







Security Solutions


Product Line-up

2014 4th Quarter






Product Selection



	5Megapixel			3Megapixel		
	Box	Fisheye	Vandal-Resistant	Box	IR Bullet	
	SNB-8000	SNF-8010/8010VM	SNV-8080	SNB-7004	SNB-7001	SNO-7084R
						
Imaging Device	1/1.8" 6M CMOS	1/1.8" 6M CMOS	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS	1/2.8" 3M CMOS	1/2.8" 3.2M CMOS
Min. Illumination (50 IRE)	Color : 0.2Lux B/W : 0.02Lux	Color : 0.5Lux B/W : 0.05Lux	Color : 0.2Lux B/W : 0.02Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.4Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)
Simple Focus	Yes	N/A	Yes	Yes	N/A	Yes
P-Iris	Yes	N/A	N/A	Yes	N/A	Yes
Day & Night	Yes (ICR)	Yes	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)
Wide Dynamic Range	Yes (60dB)	Yes (60dB)	Yes (60dB)	Yes (120dB)	N/A	Yes (120dB)
Analog Video Output	CVBS 1.0Vpp, DIP connector type	N/A	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp	CVBS 1.0Vpp, DIP connector type
Lens	Optional	1.14mm fixed	2.6x motorized varifocal (3.6 ~ 9.4mm)	Optional	Optional	2.8x motorized varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 5 profiles)	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 5 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	2592 x 1944	2560 x 2048	2592 x 1944	2048 x 1536	2048 x 1536	2048 x 1536
Max. Frame Rate	20fps for all resolution (H.264)	20fps for all resolution (H.264)	20fps for all resolution (H.264)	30fps at 3MP (H.264)	20fps at 3MP (H.264)	30fps at 3MP (H.264)
Audio Communication	Bi-directional	Bi-directional	Bi-directional	Bi-directional	N/A	Bi-directional
Edge Storage	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	N/A	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 1	1 / 1 (Relay)	1 / 1	1 / 0	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Audio detection	Tampering, Audio detection	Tampering, Audio detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	IP66, IK10, EN-61373, EN-50155 (SNF-8010VM)	IP66, IK10	N/A	N/A	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F) (SNF-8010) -30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -25°C (SNF-8010VM)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC, 12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)

	3Megapixel					
	Fisheye	Dome		IR Dome	Vandal-Resistant	IR Vandal-Resistant
	SNF-7010/7010V/7010VM	SND-7084	SND-7061	SND-7084R	SNV-7084	SNV-7084R
						
Imaging Device	1/2.8" 3M CMOS	1/2.8" 3.2M CMOS	1/2.8" 3M CMOS	1/2.8" 3.2M CMOS	1/2.8" 3.2M CMOS	1/2.8" 3.2M CMOS
Min. Illumination (50 IRE)	Color : 1.3Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.4Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)
Simple Focus	N/A	Yes	N/A	Yes	Yes	Yes
P-Iris	N/A	Yes	N/A	Yes	Yes	Yes
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (120dB)	Yes (120dB)	N/A	Yes (120dB)	Yes (120dB)	Yes (120dB)
Analog Video Output	N/A	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type
Lens	1.05mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 5 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536
Max. Frame Rate	20fps at 3MP (H.264)	30fps at 3MP (H.264)	20fps at 3MP (H.264)	30fps at 3MP (H.264)	30fps at 3MP (H.264)	30fps at 3MP (H.264)
Audio Communication	Bi-directional	Bi-directional	N/A	Bi-directional	Bi-directional	Bi-directional
Edge Storage	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	N/A	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	N/A	1 / 1	1 / 0	1 / 1	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Audio detection, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata
ONVIF	N/A	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	IP66, IK10, EN50155 (SNF-7010V/7010VM)	N/A	N/A	N/A	IP66, IK10	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F) -30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -25°C (SNF-7010V/VM)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)






	2Megapixel				
	Box			IR Bullet	
	SNB-6010	SNB-6004	SNB-6003	SNO-6084R	SNO-6011R
					
Imaging Device	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Min. Illumination (50 IRE)	Color : 0.5Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.3Lux B/W : 0Lux (IR LED on)
Simple Focus	N/A	Yes	N/A	Yes	N/A
P-Iris	N/A	Yes	Yes	N/A	N/A
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (120dB)	Yes (120dB)	Yes (120dB)	Yes (120dB)	Yes (120dB)
Analog Video Output	N/A	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp
Lens	4.6mm pinhole	Optional	Optional	2.8x motorized varifocal (3 ~ 8.5mm)	3.8mm fixed
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Max. Frame Rate	30fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	30fps at all resolutions
Audio Communication	N/A	Bi-directional	Bi-directional	Bi-directional	N/A
Edge Storage	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 0
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	IP66, IK10	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -10°C
Power	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af)	PoE (IEEE802.3af)







	2Megapixel				
	Dome		IR Dome	IR Dome	Vandal-Resistant
	SND-6084	SND-6083	SND-6084R	SND-6011R	SNV-6084
					
Imaging Device	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Min. Illumination (50 IRE)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.3Lux B/W : 0Lux (IR LED on)	Color : 0.1Lux B/W : 0.01Lux
Simple Focus	Yes	N/A	Yes	N/A	Yes
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (120dB)	Yes (120dB)	Yes (120dB)	Yes (120dB)	Yes (120dB)
Analog Video Output	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp	CVBS 1.0Vpp, DIP connector type
Lens	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	3.8mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Max. Frame Rate	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	30fps at all resolutions	60fps at 2MP (H.264)
Audio Communication	Bi-directional	Bi-directional	Bi-directional	N/A	Bi-directional
Edge Storage	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 0	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	N/A	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C
Power	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af)	PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)





	2Megapixel					
	Vandal-Resistant		IR Vandal-Resistant	PTZ		
	SNV-6013	SNV-6012M	SNV-6084R	SNP-6321H/6321	SNP-6320H/6320	
						
Imaging Device	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2M CMOS	1/2.9" 2M CMOS	
Min. Illumination (50 IRE)	Color : 0.3Lux B/W : 0.3Lux	Color : 0.3Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.3Lux B/W : 0.03Lux	Color : 0.3Lux B/W : 0.03Lux	
Simple Focus	N/A	N/A	Yes	N/A	N/A	
Day & Night	Yes (Electrical)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)	
Wide Dynamic Range	Yes (120dB)	Yes (120dB)	Yes (120dB)	Yes (120dB)	Yes (120dB)	
Analog Video Output	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp	CVBS 1.0Vpp	
Lens	2.8mm fixed	3mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	32x (4.4 ~ 142.6mm)	32x (4.4 ~ 142.6mm)	
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	
Max. Frame Rate	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	
Audio Communication	N/A	N/A	Bi-directional	Bi-directional	Bi-directional	
Edge Storage	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (SD/SDHC/SDXC)	Yes (6320H : SD/SDHC/SDXC, 6320 : micro SD/SDHC/SDXC)	
Alarm I/O	N/A	N/A	1 / 1	4 / 2	4 / 2 (Relay)	
Motion Detection	Yes	Yes	Yes	Yes	Yes	
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	
Environmental Protection	IP66, IK10	IP66, IK10, EN50155, EN50121	IP66, IK10	IP66, IK10 (SNP-6321H), IK10 (SNP-6321 + SHP-3701H)	IP66, IK10 (SNP-6320H), IK10 (SNP-6320 + SHP-3701H)	
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -10°C	-30°C ~ +55°C (-22°F ~ +131°F)	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-6321H) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-6321H) -10°C ~ +55°C (+14°F ~ +131°F) (SNP-6321)	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-6320H) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-6320H) -10°C ~ +55°C (+14°F ~ +131°F) (SNP-6320)	
Power	PoE (IEEE802.3af class3)	PoE (Class A type only)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, PoE+ (IEEE802.3at class3)	24V AC, PoE+ (IEEE802.3at class3)	


	1.3Megapixel					
	Box			IR Bullet	Dome	
	SNB-5004	SNB-5003	SNB-5001	SNO-5084R	SND-5084	SND-5083
						
Imaging Device	1/3" 1.3M PS CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.37M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS
Min. Illumination (50 IRE)	Color : 0.05Lux B/W : 0.005Lux	Color : 0.05Lux	Color : 0.7Lux	Color : 0.05Lux B/W : 0Lux (IR LED on)	Color : 0.05Lux B/W : 0.005Lux	Color : 0.05Lux B/W : 0.005Lux
Simple Focus	Yes	N/A	N/A	Yes	Yes	N/A
P-Iris	Yes	Yes	N/A	Yes	N/A	N/A
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (130dB)	Yes (130dB)	N/A	Yes (130dB)	Yes (130dB)	Yes (130dB)
Analog Video Output	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type
Lens	Optional	Optional	Optional	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	3.6x varifocal (2.8 ~ 10mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Max. Frame Rate	60fps at all resolutions	60fps at all resolutions	30fps at all resolutions	60fps at all resolutions	60fps at all resolutions	60fps at all resolutions
Audio Communication	Bi-directional	Bi-directional	N/A	Bi-directional	Bi-directional	Bi-directional
Edge Storage	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	N/A	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 1	1 / 0	1 / 1	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	IP66, IK10	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class2)	24V AC, 12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class3)


	1.3Megapixel					
	Dome		IR Dome	Vandal-Resistant	IR Vandal-Resistant	PTZ
	SND-5061	SND-5011	SND-5084R	SNV-5084	SNV-5084R	SNP-5430H/5430
						
Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.37M CMOS	1/3" 1.3M CMOS	1/3" 1.37M CMOS	1/4" 1.3M CMOS
Min. Illumination (50 IRE)	Color : 0.7Lux	Color : 1.6Lux	Color : 0.05Lux B/W : 0Lux (IR LED on)	Color : 0.05Lux B/W : 0.005Lux	Color : 0.05Lux B/W : 0Lux (IR LED on)	Color : 0.5Lux B/W : 0.01Lux
Simple Focus	N/A	N/A	Yes	Yes	Yes	N/A
P-Iris	N/A	N/A	Yes	N/A	Yes	N/A
Day & Night	Yes (Electrical)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	Yes (130dB)	Yes (130dB)	Yes (130dB)	Yes (120dB)
Analog Video Output	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp
Lens	2.8x varifocal (3 ~ 8.5mm)	3mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	43x (3.5 ~ 150.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Max. Frame Rate	30fps at all resolutions	30fps at all resolutions	60fps at all resolutions	60fps at all resolutions	60fps at all resolutions	60fps at all resolutions
Audio Communication	N/A	N/A	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Edge Storage	N/A	N/A	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (5430H : SD/SDHC/SDXC, 5430 : micro SD/SDHC/SDXC)
Alarm I/O	1 / 0	1 / 0	1 / 1	1 / 1	1 / 1	4 / 2 (Relay)
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering	Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	IP66, IK10	IP66, IK10	IP66, IK10 (SNP-5430H), IK10 (SNP-5430 + SHP-3701H)
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-5430H) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-5430H) -10°C ~ +55°C (+14°F ~ +131°F) (SNP-5430)
Power	12V DC, PoE (IEEE802.3af class2)	12V DC, PoE (IEEE802.3af class2)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, PoE+ (IEEE802.3at class3)





	4CIF				
	Box	Dome	Vandal-Resistant	PTZ	
	SNB-3002	SND-3082	SNV-3082	SNP-3120VH	SNP-3120
					
Imaging Device	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/4" Ex-view HAD PS CCD	1/4" Ex-view HAD PS CCD
Min. Illumination (50 IRE)	Color : 0.4Lux B/W : 0.04Lux	Color : 0.4Lux B/W : 0.04Lux	Color : 0.4Lux B/W : 0.04Lux	Color : 0.7Lux B/W : 0.07Lux	Color : 0.7Lux B/W : 0.07Lux
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (52dB / 54dB)	Yes (52dB / 54dB)	Yes (52dB / 54dB)	Yes (52dB / 54dB)	Yes (52dB / 54dB)
Analog Video Output	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp
Lens	Optional	3.9x varifocal (2.8 ~ 11mm)	3.9x varifocal (2.8 ~ 11mm)	12x (3.69 ~ 44.32mm)	12x (3.69 ~ 44.32mm)
Video Compression Format	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	704 x 480 (704 x 576)	704 x 480 (704 x 576)	704 x 480 (704 x 576)	704 x 480 (704 x 576)	704 x 480 (704 x 576)
Max. Frame Rate	30(25)fps at all resolutions	30(25)fps at all resolutions	30(25)fps at all resolutions	30fps(25fps) at all resolutions	30fps(25fps) at all resolutions
Audio Communication	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Edge Storage	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)
Alarm I/O	1 / 1	1 / 1	1 / 1	2 / 2 (Relay)	2 / 2 (Relay)
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Motion detection	Tampering, Motion detection	Tampering, Motion detection	Moved / Fixed	Moved / Fixed
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	IP66, IK10	IP66	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F) *Heater works at AC input only	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, PoE+ (IEEE802.3at)	24V AC, PoE+ (IEEE802.3at)





	Network Video Recorder (NVR)					
	SRN-4000	SRN-1000	SRN-1670D	SRN-472S	SRN-470D	SRM-872
						
OS	Linux	Linux	Linux	Linux	Linux	Linux
Supported Compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG
Max. Recording Bit Rate	400Mbps	100Mbps	64Mbps	32Mbps	64Mbps	64Mbps
Max # of Cameras	64	64	16	4	4	8
Internal Storage	Up to 12 SATA	Up to 8 SATA	Up to 5 SATA	Up to 2 SATA	Up to 1 SATA	Up to 1 SATA (2.5")
External Storage	iSCSI	2 e-SATA, iSCSI	2 e-SATA	N/A	2 e-SATA	N/A
RAID	RAID 5/6	RAID 5	N/A	N/A	N/A	N/A
Hot Swap	Yes	N/A	N/A	N/A	N/A	Yes
Watermark	Yes	Yes	Yes	Yes	Yes	Yes
Isolated Networks for Cameras / Source	Yes	Yes	Yes	Yes	Yes	Yes
Network Viewer Software	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SmartViewer AUTO, iPolis mobile AUTO
Local Monitor	HDMI / VGA	N/A	HDMI / VGA	HDMI / VGA	HDMI / VGA	HDMI / VGA
Camera Support	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF
Features	<ul style="list-style-type: none"> • Redundant hot swap power supply • Built-in intelligent video analysis (Heatmap, Object classification) • Webviewer supported 	<ul style="list-style-type: none"> • Webviewer supported • iSCSI storage supported 	<ul style="list-style-type: none"> • Webviewer supported • DVD-RW 	<ul style="list-style-type: none"> • Plug & play by 4 PoE ports • Webviewer supported 	<ul style="list-style-type: none"> • Webviewer supported • DVD-RW 	<ul style="list-style-type: none"> • Plug & play by 8 PoE ports • GPS supported • Standards approval for transportation (EN50155, EN61373)

	Network Video Encoder			
	SPE-400	SPE-101	SPE-100	SPE-400B
				
Max. # of Cameras	4	1	1	4
Supported Compression	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4
Max. Resolution	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)
Max. Frame Rate per Channel	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)
Bi-Directional Audio	Yes	N/A	Yes	N/A
RS-485	4	1	1	4
Alarm I/O	4 / 4	N/A	1 / 1	4 / 4
SD Card	SD/SDHC	N/A	SD/SDHC	N/A
ONVIF	Yes	Yes	Yes	Yes
Power	12V DC	12V DC / PoE	12V DC / PoE	5V DC

	Network Video Decoder
	SPD-400
	
Video Out	HDMI, VGA, CVBS
Resolution	H.264 : up to 2M / Quad view-up to 720p
Display	Single view, Quad view
Support Device	Samsung, Axis
Webviewer	Supported OS : Window XP Supported Browser : IE 7.0 or 8.0, Firefox 2.x, 3.x, Chrome, Safari
Power	12V DC







	Network Video Encoder Rack
	SPE-1600R
	
# of Slots	4 slots for SPE-400B
Max. # of Channels	16
Network	RJ-45 (10/100/1000BASE-T)
Rack Size	1U
Power	100 ~ 240V AC




	Software			
	SSM (Samsung Security Manager)	SSM-RS10L/20L	SSM-VM10L/20L	SSM mobile
				
Features	Central Management Software <ul style="list-style-type: none"> • Multi-site / Multi-client monitoring • One-stop Live / Map monitoring • Efficient Alarm / Event monitoring • Smart search and Back up • Remote monitoring via mobile device • Easy & convenient configuration • SSM-RS, VM series integration 	SSM Recording Server Software <ul style="list-style-type: none"> • SSM-RS10 : Up to 36CH recording • SSM-RS20 : Up to 72CH recording • Deliver high performance recording (Up to 400Mbps) • Support various recording options • Multiple disk allocation and distribution for stable recording 	Video Wall Monitor Management Software <ul style="list-style-type: none"> • SSM-VM10 : Up to 16monitors display control • SSM-VM20 : Up to 36monitors display control • Run on standard PCs and displays • Live monitoring / Sequence mode • Event-driven virtual salvo switching • Easy set & control through VM manager, SSM console 	SSM Mobile viewer for Android / iOS <ul style="list-style-type: none"> • Local / remote connection to SSM (Samsung Security Manager) • View layout / device list by user • View live streaming video with PTZ control • Supported format : H.264/MJPEG • Calendar search / playback / bookmark functions







	Software			Controller
	SSM-VA10	SmartViewer	iPOLiS mobile	SPC-2000
				
Features	Samsung Retail Solution <ul style="list-style-type: none"> • Samsung's Counting analysis • Heat Map based on the flow of motion traffic technology • Zone analyzing • Easy UI interface graphical statistics • Manual / Schedule report (XLSX, PDF, TXT, CSV, PNG, DOCX, RTF) • Wherever, fast check by mobile device 	Easy Central Management Software <ul style="list-style-type: none"> • Up to 36 videos monitoring from the connected devices • Support for full screen mode • Support for sequence function (Automatic screen transition) • Favorite view & sequence of favorites • Up to 16 videos simultaneous playback simultaneously 	Mobile viewer for Android / iOS <ul style="list-style-type: none"> • View live streaming video with PTZ control from the connected devices • Supported format : H.264/MJPEG • Video image flip / mirror, Video image capture • Calendar search / playback / bookmark functions for DVRs / NVRs 	Network Controller <ul style="list-style-type: none"> • Superior system compatibility • 3D joystick control • Quick and easy installation • SSM support







	Box					
	SCB-5005	SCB-5003	SCB-5000	SCB-4000	SCB-3003	SCB-3001
						
Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/2" Ex-view HAD CCD	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II (Double scan)
Min. Illumination (50 IRE)	Color : 0.03Lux, B/W : 0.003Lux	Color : 0.03Lux, B/W : 0.003Lux	Color : 0.03Lux	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.1Lux, B/W : 0.01Lux
Lens (Mount)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)
Horizontal Resolution	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 600TV lines	Color : 700TV lines	Color : 650TV lines
Simple Focus	Yes	N/A	N/A	N/A	Yes	N/A
P-Iris	Yes	N/A	N/A	N/A	N/A	N/A
Day & Night	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (120dB)	Yes (120dB)	N/A	N/A	Yes (52dB / 54dB)	Yes (52dB / 54dB)
Alarm I/O	0 / 1	0 / 1	N/A	0 / 1	0 / 1	0 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fence, (Dis)Appear, Counting (Off / On)	Fence, (Dis)Appear, Counting (Off / On)	N/A	Fixed / Moved, Fence (Line, Area)	Fixed / Moved, Fence, Tracking, Counting	Fixed / Moved, Fence, Tracking, Counting
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	CCVC	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 230V AC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 230V AC



	Box					
	SCB-3000	SCB-2005	SCB-2004	SCB-2001	SCB-2000	SCB-1001
						
Imaging Device	1/3" Super HAD CCD (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.3Lux, B/W : 0.01Lux	Color : 0.1Lux	Color : 0.1Lux	Color : 0.05Lux, B/W : 0.01Lux	Color : 0.05Lux	Color : 0.1Lux
Lens (Mount)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)
Horizontal Resolution	Color : 600TV lines	Color : 700TV lines	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (Electrical)	Yes (Electrical)
Wide Dynamic Range	Yes (52dB / 54dB)	N/A	N/A	N/A	N/A	N/A
Alarm I/O	0 / 1	N/A	N/A	0 / 1	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	N/A
Intelligent Video Analytics	Fixed / Moved, Fence, Tracking, Counting	N/A	N/A	Fixed / Moved, Fence (Line, Area)	N/A	N/A
Digital Image Stabilization	Yes	N/A	N/A	Yes	Yes	N/A
Coax Control	Pelco-C	Pelco-C	Pelco-C	CCVC	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	N/A	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC), 230V AC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 230V AC	Dual (24V AC & 12V DC), 12V DC, 230V AC	Dual (24V AC & 12V DC), 12V DC







	Box	Zoom Box				
	SCB-3020	SCZ-3430	SCZ-2370	SCZ-2373	SCZ-2273	SCZ-2250
						
Imaging Device	1/3" Super HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)	1/3" Super HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.45Lux	Color : 0.7Lux, B/W : 0.07Lux	Color : 0.2Lux, B/W : 0.02Lux	Color : 0.2Lux, B/W : 0.01Lux	Color : 0.2Lux, B/W : 0.01Lux	Color : 0.2Lux, B/W : 0.02Lux
Lens (Mount)	3.7mm fixed	43x (3.2 ~ 138.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	27x (3.5 ~ 94.5mm)	25x (3.66 ~ 91.36mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 680TV lines	Color : 680TV lines	Color : 600TV lines
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (52dB / 54dB)	Yes (52dB / 54dB)	N/A	N/A	N/A	N/A
Alarm I/O	0 / 1	0 / 1	N/A	N/A	N/A	0 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved, Fence (Line, Area)	Fixed / Moved	N/A	N/A	N/A	Fixed / Moved
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	CCVC	CCVC	Pelco-C	Pelco-C	Pelco-C	CCVC
RS-485 Control	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 12V DC

	Bullet	IR Bullet				
	SCO-2080	SCO-5083R	SCO-2081R	SCO-2040R	SCO-2120R	SCO-2080R
						
Imaging Device	1/3" Super HAD CCD II	1/3" 1.3M CMOS	1/3" Super HAD CCD II	1/3" CMOS	1/4" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.15Lux B/W : 0.001Lux	Color : 0.05Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)	Color : 0.2Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)
Lens (Mount)	3.6x varifocal (2.8 ~ 10mm)	3.3x varifocal (3 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	8mm fixed	12x (3.94 ~ 46.05mm)	3.6x varifocal (2.8 ~ 10mm)
Horizontal Resolution	Color : 600TV lines	Color : 1000TV lines	Color : 700TV lines	Color : 650TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	Yes (120dB)	N/A	N/A	N/A	N/A
Alarm I/O	N/A	0 / 1	N/A	N/A	N/A	N/A
Motion Detection	Yes	Yes	Yes	N/A	Yes	Yes
Intelligent Video Analytics	N/A	Fence, (Dis)Appear, Counting (Off / On)	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	N/A	N/A	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	N/A	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon
IR Range	N/A	50m (164ft)	50m (164ft)	25m (82ft)	70m (230ft)	50m (164ft)
Environmental Protection	IP66	IP66, IK10	IP66	IP66	IP66	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -10°C	-10°C ~ +55°C (+14°F ~ +131°F)	0°C ~ +50°C (+32°F ~ +122°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)







	IR Bullet	Dome				
	SCO-1020R	SCD-5083	SCD-5082	SCD-5080	SCD-5030	SCD-5020
						
Imaging Device	1/4" CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS
Min. Illumination (50 IRE)	0Lux (IR LED on)	Color : 0.03Lux B/W : 0.003Lux	Color : 0.05Lux B/W : 0.005Lux	Color : 0.05Lux	Color : 0.09Lux	Color : 0.09Lux
Lens (Mount)	3.6mm fixed	3.8x varifocal (2.8 ~ 10.5mm)	3.3x varifocal (3 ~ 10mm)	3.3x varifocal (3 ~ 10mm)	6mm fixed	3.6mm fixed
Horizontal Resolution	Color : 520TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)
Wide Dynamic Range	N/A	Yes (120dB)	N/A	N/A	N/A	N/A
Alarm I/O	N/A	0 / 1	N/A	N/A	N/A	N/A
Motion Detection	N/A	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	N/A	Fence, (Dis)Appear, Counting (Off / On)	N/A	N/A	N/A	N/A
Digital Image Stabilization	N/A	Yes	Yes	Yes	Yes	Yes
Coax Control	N/A	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
IR Range	15m (49ft)	N/A	N/A	N/A	N/A	N/A
Installation Type	N/A	Surface	Surface	Surface	Surface	Surface
Environmental Protection	IP66	N/A	N/A	N/A	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	12V DC	12V DC







	Dome					
	SCD-3083	SCD-3080	SCD-2080	SCD-2080E	SCD-2060E	SCD-2082
						
Imaging Device	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.3Lux B/W : 0.01Lux	Color : 0.15Lux B/W : 0.001Lux	Color : 0.15Lux	Color : 0.15Lux	Color : 0.1Lux
Lens (Mount)	2.8x motorized varifocal (3 ~ 8.5mm)	3.9x varifocal (2.8 ~ 11mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	2.4x varifocal (2.5 ~ 6mm)	3.6x varifocal (2.8 ~ 10mm)
Horizontal Resolution	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 700TV lines
Simple Focus	Yes	N/A	N/A	N/A	N/A	N/A
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)
Wide Dynamic Range	Yes (52dB / 54dB)	Yes (52dB / 54dB)	N/A	N/A	N/A	N/A
Alarm I/O	0 / 1	0 / 1	N/A	N/A	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved, Area, Fence, Detection, Counting	Fixed / Moved, Fence, Tracking, Counting	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	N/A
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)







	Dome					
	SCD-2022	SCD-2020	SCD-2010	SCD-2010F	SCD-1080	SCD-1020
						
Imaging Device	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.15Lux	Color : 0.15Lux	Color : 0.04Lux	Color : 0.04Lux	Color : 0.15Lux	Color : 0.15Lux
Lens (Mount)	3.8mm fixed	3.7mm fixed	3mm fixed	3mm fixed	3.6x varifocal (2.8 ~ 10mm)	3.6mm fixed
Horizontal Resolution	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)
Motion Detection	Yes	Yes	Yes	Yes	N/A	N/A
Digital Image Stabilization	N/A	Yes	Yes	Yes	N/A	N/A
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC	Dual (24V AC & 12V DC)	12V DC	12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC







	IR Dome					
	SCD-5083R	SCD-2080R	SCD-2021R	SCD-2042R	SCD-2022R	SCD-2020R
						
Imaging Device	1/3" 1.3M CMOS	1/3" Super HAD CCD II	1/3" CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.05Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)
Lens (Mount)	3.3x varifocal (3 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	3.6mm fixed	8mm fixed	3.8mm fixed	3.6mm fixed
Horizontal Resolution	Color : 1000TV lines	Color : 600TV lines	Color : 650TV lines	Color : 700TV lines	Color : 700TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (120dB)	N/A	N/A	N/A	N/A	N/A
Alarm I/O	0 / 1	N/A	N/A	N/A	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fence, (Dis)Appear, Counting (Off / On)	N/A	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	N/A	N/A	N/A	Yes
Coax Control	Pelco-C	Pelco-C	N/A	Pelco-C	Pelco-C	Pelco-C
IR Range	30m (98ft)	20m (66ft)	20m (66ft)	7m (23ft)	7m (23ft)	7m (23ft)
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	12V DC	12V DC	12V DC	12V DC	12V DC






	IR Dome	Vandal-Resistant				
	SCD-1020R	SCV-5085	SCV-5083	SCV-5082	SCV-3083	SCV-3082
						
Imaging Device	1/4" CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II (Double scan)
Min. Illumination (50 IRE)	0Lux (IR LED on)	Color : 0.03Lux B/W : 0.003Lux	Color : 0.03Lux B/W : 0.003Lux	Color : 0.05Lux B/W : 0.005Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux B/W : 0.01Lux
Lens (Mount)	3.6mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	3.8x varifocal (2.8 ~ 10.5mm)	3.3x varifocal (3 ~ 10mm)	2.8x motorized varifocal (3 ~ 8.5mm)	3.9x varifocal (2.8 ~ 11mm)
Horizontal Resolution	Color : 520TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 700TV lines	Color : 650TV lines
Simple Focus	N/A	N/A	N/A	N/A	Yes	N/A
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	Yes (120dB)	Yes (120dB)	N/A	Yes (52dB / 54dB)	Yes (52dB / 54dB)
Alarm I/O	N/A	0 / 1	0 / 1	N/A	0 / 1	0 / 1
Motion Detection	N/A	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	N/A	Fence, (Dis)Appear, Counting (Off / On)	Fence, (Dis)Appear, Counting (Off / On)	N/A	Fixed / Moved, Area, Fence, Detection, Counting	Fixed / Moved, Fence, Tracking, Counting
Digital Image Stabilization	N/A	Yes	Yes	Yes	Yes	Yes
Coax Control	N/A	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
IR Range	10m (33ft)	N/A	N/A	N/A	N/A	N/A
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Environmental Protection	N/A	IP66, IK10	IP66, IK10	IP66, IK10	IP66	IP66, IK10
Operating Temperature	0°C ~ +55°C (+32°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -10°C	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)







	Vandal-Resistant		IR Vandal-Resistant			
	SCV-3080	SCV-2080	SCV-5083R	SCV-2082R	SCV-2081R	SCV-2080R
			<i>BEYOND</i> 			
Imaging Device	1/3" Super HAD CCD (Double scan)	1/3" Super HAD CCD II	1/3" 1.3M CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.3Lux B/W : 0.01Lux	Color : 0.15Lux B/W : 0.001Lux	Color : 0.05Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)
Lens (Mount)	3.9x varifocal (2.8 ~ 11mm)	3.6x varifocal (2.8 ~ 10mm)	3.3x varifocal (3 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 1000TV lines	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (52dB / 54dB)	N/A	Yes (120dB)	N/A	N/A	N/A
Alarm I/O	0 / 1	N/A	0 / 1	N/A	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved, Area, Fence, Tracking, Counting	N/A	Fence, (Dis)Appear, Counting (Off / On)	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	N/A	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	N/A	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	N/A	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon
IR Range	N/A	N/A	30m (98ft)	20m (66ft)	20m (66ft)	30m (98ft)
Installation Type	Surface, Flush	Surface, Flush	Surface	Surface	Surface	Surface, Flush
Environmental Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Operating Temperature	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up should be done at above -10°C	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC) Built-in fan & heater (24V AC)	Dual (24V AC & 12V DC) Built-in fan & heater (24V AC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)

	PTZ Dome					
	SCP-3430H	SCP-3371	SCP-3370TH	SCP-2373H	SCP-2373	SCP-2371H
						
Imaging Device	1/4" Ex-view HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.7Lux, B/W : 0.07Lux	Color : 0.7Lux, B/W : 0.07Lux	Color : 0.7Lux, B/W : 0.07Lux	Color : 0.2Lux, B/W : 0.01Lux	Color : 0.2Lux, B/W : 0.01Lux	Color : 0.2Lux, B/W : 0.02Lux
Lens (Mount)	43x (3.2 ~ 138.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 680TV lines	Color : 680TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	Yes	Yes	N/A	N/A	N/A
Alarm I/O	8 / 3	8 / 3	8 / 3	8 / 3	8 / 3	8 / 3
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved	Detection, Tracking, Fixed / Moved	Tracking, Fixed / Moved	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	CCVC	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
Environmental Protection	IP66, IK10	IK10 (SCP-3371 + SHP-3701H)	IP66, IK10	IP66	IK10 (SCP-2373 + SHP-3701H)	IP66
Operating Temperature	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)
Power	24V AC	24V AC	24V AC	24V AC	24V AC	24V AC


	PTZ Dome					
	SCP-2371	SCP-2370TH	SCP-2273H	SCP-2273	SCP-2271H	SCP-2271
						
Imaging Device	1/4" Super HAD CCD II	1/4" Super HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II	1/4" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.2Lux, B/W : 0.02Lux	Color : 0.2Lux, B/W : 0.02Lux	Color : 0.2Lux, B/W : 0.01Lux	Color : 0.2Lux, B/W : 0.01Lux	Color : 0.2Lux, B/W : 0.02Lux	Color : 0.2Lux, B/W : 0.02Lux
Lens (Mount)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	27x (3.5 ~ 94.5mm)	27x (3.5 ~ 94.5mm)	27x (3.5 ~ 94.5mm)	27x (3.5 ~ 94.5mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 680TV lines	Color : 680TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	N/A	N/A	N/A	N/A
Alarm I/O	8 / 3	8 / 3	8 / 3	8 / 3	8 / 3	8 / 3
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	N/A	N/A	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
Environmental Protection	IK10 (SCP-2371 + SHP-3701H)	IP66, IK10	IP66	IK10 (SCP-2273 + SHP-3701H)	IP66	IK10 (SCP-2271 + SHP-3701H)
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC	24V AC	24V AC	24V AC	24V AC	24V AC

	PTZ Dome				IR PTZ Dome	Positioning
	SCP-2250H	SCP-3120	SCP-3120VH	SCP-2120	SCP-2370RH	SCU-2370
						
Imaging Device	1/4" Super HAD CCD II	1/4" Ex-view HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)	1/4" Super HAD CCD II	1/4" Super HAD CCD II	1/4" Ex-view HAD CCD
Min. Illumination (50 IRE)	Color : 0.2Lux B/W : 0.02Lux	Color : 0.7Lux B/W : 0.07Lux	Color : 0.7Lux B/W : 0.07Lux	Color : 0.2Lux, B/W : 0.004Lux	Color : 0.2Lux, B/W : 0Lux (IR LED on)	Color : 0.2Lux B/W : 0.02Lux
Lens (Mount)	25x (3.66 ~ 91.36mm)	12x (3.6 ~ 44.3mm)	12x (3.6 ~ 44.3mm)	12x (3.9 ~ 46mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	Yes	Yes	N/A	N/A	N/A
Alarm I/O	8 / 3	2 / 2	2 / 2	2 / 2	8 / 3	3 / 2
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved	Fixed / Moved	Fixed / Moved	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	N/A	Yes	Yes
Coax Control	CCVC	CCVC	CCVC	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Range	N/A	N/A	N/A	N/A	100m (328ft)	N/A
Environmental Protection	IP66, IK10	N/A	IP66, IK10	N/A	IP66, IK10	IP66
Operating Temperature	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)
Power	24V AC	24V AC	24V AC	24V AC	24V AC	24V AC




	HD-SDI				
	SCB-6001	SCO-6081R	SCD-6021	SCD-6081R	SCV-6081R
					
Imaging Device	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS
Min. Illumination (50 IRE)	Color : 1Lux, B/W : 0.1Lux	Color : 1Lux, B/W : 0Lux (IR LED on)	Color : 0.5Lux	Color : 1Lux, B/W : 0Lux (IR LED on)	Color : 1Lux, B/W : 0Lux (IR LED on)
Lens (Mount)	Optional (C / CS)	2.8x motorized varifocal (3 ~ 8.5mm)	3.8mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)
Horizontal Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Simple Focus	Yes	Yes	N/A	Yes	Yes
Day & Night	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes (100dB)	Yes (100dB)	Yes (100dB)	Yes (100dB)	Yes (100dB)
Alarm I/O	1 / 1	1 / 1	0 / 1	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Range	N/A	30m (98ft)	N/A	15m (49ft)	15m (49ft)
Environmental Protection	N/A	IP66	N/A	N/A	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)

	UTP				Thermal	
	SUB-2000	SUD-3080	SUD-2081	SUD-2080	SCB-9080	SCB-9060
						
Imaging Device	1/3" Super HAD CCD II	1/3" Sony Super HAD CCD (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD II	320(H) x 240(H) uncooled VOX microbolometer	320(H) x 240(H) uncooled VOX microbolometer
Min. Illumination (50 IRE)	Color : 0.05Lux	Color : 0.3Lux, B/W : 0.01Lux	Color : 0.15Lux, B/W : 0.001Lux	Color : 0.15Lux, B/W : 0.001Lux	0Lux	0Lux
Lens (Mount)	Optional (C / CS)	3.9x varifocal (2.8 ~ 11mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	50mm fixed	14mm fixed
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	320 x 240	320 x 240
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)	N/A	N/A
Wide Dynamic Range	N/A	Yes (52dB / 54dB)	N/A	N/A	N/A	N/A
Alarm I/O	N/A	0 / 1	N/A	N/A	0 / 1	0 / 1
Motion Detection	Yes	Yes	Yes	Yes	N/A	N/A
Intelligent Video Analytics	N/A	Fixed / Moved, Area, Fence, Tracking, Counting	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	N/A	N/A
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
Installation Type	N/A	Surface, Flush	Surface, Flush	Surface, Flush	N/A	N/A
Environmental Protection	N/A	N/A	N/A	N/A	IP66	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F)
Power	Dual (24V AC & 12V DC), 28V AC	Dual (24V AC & 12V DC), 28V AC	Dual (24V AC & 12V DC), 28V AC	Dual (24V AC & 12V DC), 28V AC	24V AC	24V AC







		16CH			
		SRD-1680D	SRD-1676D	SRD-1673D	SRD-1656D
					
		HD-SDI			
OS	Embedded	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	480fps / 400fps	480fps / 400fps	480fps / 400fps
Recording	Max. Record Rate / NTSC	480fps@960H / 240fps@1080p	480fps@1280 x 480	480fps@4CIF/960H	120fps@1280 x 480
	Max. Record Rate / PAL	400fps@960H / 200fps@1080p	400fps@1280 x 576	400fps@4CIF/960H	100fps@1280 x 576
Video	Compression	H.264	H.264	H.264	H.264
	Inputs	16CH	16CH	16CH	16CH
Audio	Loop Outputs	N/A	Yes	N/A	Yes
	Inputs	16CH (Built-in 4CH)	16CH (Built-in 4CH)	16CH (Built-in 4CH)	16CH (Built-in 4CH)
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays
Monitors	VGA	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes
	Main Composite	N/A	N/A	N/A	N/A
	Spot Composite	2CH (Digital)	2CH (Digital)	2CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	2 External SATA ports	2 External SATA ports
	DVD Writer (Back up)	Yes	Yes	Yes	Yes
	Mouse	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		Yes	N/A	Yes	N/A
PTZ Control	Coax Protocol	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE

• Option : Audio extension cable * Coaxial communication not supported

		16CH		
		SRD-1654D	SRD-1653D	SRD-1642
				
OS	Embedded	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	480fps / 400fps	480fps / 400fps
Recording	Max. Record Rate / NTSC	120fps@4CIF/960H	120fps@4CIF/960H	480fps@960 x 480
	Max. Record Rate / PAL	100fps@4CIF/960H	100fps@4CIF/960H	400fps@960 x 576
Video	Compression	H.264	H.264	H.264
	Inputs	16CH	16CH	16CH
Audio	Loop Outputs	N/A	N/A	N/A
	Inputs	4CH	16CH (Built-in 4CH)	4CH
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 2 SATA HDDs
	External HDD	N/A	Up to 2 expansion bays	N/A
Monitors	VGA	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes
	Main Composite	N/A	N/A	N/A
	Spot Composite	2CH (Digital)	2CH (Digital)	1CH (Digital)
Connections	USB	2 ports	2 ports	2 ports
	e-SATA	N/A	2 External SATA ports	N/A
	DVD Writer (Back up)	Yes	Yes	N/A
	Mouse	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		Yes	Yes	N/A
PTZ Control	Coax Protocol	N/A *	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE

• Option : Audio extension cable * Coaxial communication not supported






		8CH			
		SRD-880D	SRD-876D	SRD-873D	SRD-854D
					
		HD-SDI			
OS	Embedded	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	240fps / 200fps	240fps / 200fps	240fps / 200fps	240fps / 200fps
Recording	Max. Record Rate / NTSC	240fps@1080p	240fps@1280 x 480	240fps@4CIF/960H	60fps@4CIF/960H
	Max. Record Rate / PAL	200fps@1080p	200fps@1280 x 576	200fps@4CIF/960H	50fps@4CIF/960H
	Compression	H.264	H.264	H.264	H.264
Video	Inputs	8CH	8CH	8CH	8CH
	Loop Outputs	N/A	Yes	N/A	N/A
Audio	Inputs	8CH (Built-in 4CH)	8CH (Built-in 4CH)	8CH (Built-in 4CH)	4CH (Built-in 4CH)
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays	N/A
Monitors	VGA	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes
	Main Composite	N/A	N/A	N/A	N/A
	Spot Composite	2CH (Digital)	2CH (Digital)	2CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	2 External SATA ports	N/A
	DVD Writer (Back up)	Yes	Yes	Yes	Yes
	Mouse	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		Yes	N/A	Yes	Yes
PTZ Control	Coax Protocol	N/A *	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	N/A *
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE



• Option : Audio extension cable * Coaxial communication not supported

		8CH		4CH	
		SRD-842	SRD-482	SRD-476D	SRD-473D
					
			HD-SDI		
OS	Embedded	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	240fps / 200fps	120fps / 100fps	120fps / 100fps	120fps / 100fps
Recording	Max. Record Rate / NTSC	240fps@960 x 480	120fps@1920 x 1080	120fps@1280 x 480 * P/B : 60fps@1280 x 480, 120fps@960 x 480	120fps@4CIF/960H
	Max. Record Rate / PAL	200fps@960 x 576	100fps@1920 x 1080	100fps@1280 x 576 * P/B : 50fps@1280 x 576, 120fps@960 x 576	100fps@4CIF/960H
	Compression	H.264	H.264	H.264	H.264
Video	Inputs	8CH	4CH	4CH	4CH
	Loop Outputs	N/A	N/A	Yes	N/A
Audio	Inputs	4CH	4CH	4CH	4CH
Storage	Internal HDD	Up to 2 SATA HDDs	Up to 2 SATA HDDs	Up to 1 SATA HDD	Up to 1 SATA HDD
	External HDD	N/A	Up to 2 expansion bays	N/A	N/A
Monitors	VGA	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes
	Main Composite	N/A	N/A	N/A	N/A
	Spot Composite	1CH (Digital)	2CH (Digital 1CH / Analog 1CH)	2CH (Digital 1CH / Analog 1CH)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports	2 ports
	e-SATA	N/A	2 External SATA ports	N/A	N/A
	DVD Writer (Back up)	N/A	N/A	Yes	Yes
	Mouse	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	1080p, 720p, 4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	NET-i viewer, SmartViewer, Webviewer	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		N/A	N/A	N/A	N/A
PTZ Control	Coax Protocol	Samsung CCVC, Pelco-C	N/A	Samsung CCVC, Pelco-C	N/A
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE

• Option : Audio extension cable





		4CH		
		SRD-445	SRD-443	SRD-442
				
OS	Embedded	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	120fps / 100fps	120fps / 100fps	120fps / 100fps
Recording	Max. Record Rate / NTSC	120fps@960 x 480	30fps@4CIF	30fps@4CIF
	Max. Record Rate / PAL	100fps@960 x 576	25fps@4CIF	25fps@4CIF
	Compression	H.264	H.264	H.264
Video	Inputs	4CH	4CH	4CH
	Loop Outputs	N/A	N/A	N/A
Audio	Inputs	4CH	4CH	1CH
Storage	Internal HDD	Up to 1 SATA HDD	Up to 1 SATA HDD	Up to 1 SATA HDD
	External HDD	N/A	N/A	N/A
Monitors	VGA	Yes	Yes	Yes
	HDMI	Yes	N/A	N/A
	Main Composite	N/A	1CH (BNC)	1CH (BNC)
	Spot Composite	1CH (Digital)	1CH (Analog)	1CH (Analog)
Connections	USB	2 ports	2 ports	2 ports
	e-SATA	1 port	N/A	N/A
	DVD Writer (Back up)	N/A	N/A	N/A
	Mouse	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer	NET-i viewer, SmartViewer, Webviewer
PTZ Control	Coax Protocol	Samsung CCTV, Pelco-C	N/A	N/A
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO

• Option : Audio extension cable

	RAID 5 Unit	HDD Extension Unit
	SVS-5R	SVS-5E
		
		
Features	<ul style="list-style-type: none"> • 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB) 	<ul style="list-style-type: none"> • 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)

MONITOR

	LED Monitor			
	SMT-4031	SMT-3231	SMT-2730	SMT-2232
				
Screen Size	40"	32"	27"	21.5"
Resolution (pixels HxV)	1,920 x 1,080	1,920 x 1,080	1,920 x 1,080	1,920 x 1,080
Video In/Out	1	1	2 / 2	2 / 2
RGB In	1	1	1	1
DVI / HDMI	1 / 1	1 / 1	0 / 1	0 / 1
Audio In (Stereo)	2	2	2	2
Contrast Ratio	5,000 : 1	5,000 : 1	1,000 : 1	1,000 : 1
Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
Response Time	8ms	8ms	8ms	5ms
Brightness	350cd/m ²	350cd/m ²	300cd/m ²	250cd/m ²
Tempered Glass Screen	N/A	N/A	Yes	Yes
Picture In Picture	Yes	Yes	Yes	Yes
Built-in Speakers	Yes	Yes	Yes	Yes
Stand	General (Optional)	General (Optional)	Standard	Standard
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC










	LED Monitor			
	SMT-1934	SMT-1930	SMT-1914	SMT-1734
				
Screen Size	19"	18.5"	19"	17"
Resolution (pixels HxV)	1,280 x 1,024	1,366 x 768	1,280 x 1,024	1,280 x 1,024
Video In/Out	2 / 2	2 / 2	N/A	1 / 1
RGB In	1	1	1	1
DVI / HDMI	0 / 1	0 / 1	N/A	0 / 1
Audio In (Stereo)	2	2	N/A	2
Contrast Ratio	1,000 : 1	1,000 : 1	1,000 : 1	1,000 : 1
Aspect Ratio	4 : 3	16 : 9	4 : 3	4 : 3
Response Time	5ms	5ms	5ms	5ms
Brightness	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²
Tempered Glass Screen	Yes	Yes	Yes	Yes
Picture In Picture	Yes	Yes	Yes	Yes
Built-in Speakers	Yes	Yes	N/A	Yes
Stand	Standard	Standard	Standard	Standard
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC

PERIPHERAL












PTZ / Dome / Fisheye Camera Housings / Mounts					
SHP-3701H	SHP-3701F/SHD-3000F1	SBP-300WM1/300WM	SBP-300CM	SBP-300LM/300PM/300KM	SBP-300B
					
Outdoor Housing for PTZ Dome <ul style="list-style-type: none">For outdoor applicationsWeatherproof rated to IP66Aluminium + PolycarbonateIK10 vandal resistant	In-Ceiling Housing for PTZ Dome <ul style="list-style-type: none">For indoor applicationsPolycarbonate	Wall Mount for PTZ Dome <ul style="list-style-type: none">Aluminum + SECCCan be used with hanging mount and outdoor PTZ	Ceiling Mount <ul style="list-style-type: none">Aluminum + SECCCan be used with hanging mount and Outdoor PTZ	Parapet / Pole / Corner Mount <ul style="list-style-type: none">Aluminum + SECC (SBP-300LM) SECC (SBP-300PM/300KM)Can be used with hanging mount and outdoor PTZ (SBP-300LM)Can be used with SBP-300B/300WM/300WM1 (SBP-300PM/300KM)	Wall Mount Install Base <ul style="list-style-type: none">Aluminum + SECCCan be used with SBP-300WM/300WM1
SBP-300HM1	SBP-301HM2	SBP-301HM3	SBP-301HM4/300TM	SBP-300HM5/300TM1	SBP-300HM6/300HM7/300WM0
					
Hanging Mount <ul style="list-style-type: none">AluminumCan be used with SCP-3430/3370/3250/3120/2430/2370/2330/2270/2250/2120SNP-6200/5200/3371/3302/3120SBP-300CM/300LM/300WM/300WM1	Hanging Mount <ul style="list-style-type: none">AluminumCan be used with SCD-6081R/6080SCV-5083R/5083/5082/5080/3082/3081/2081R/2081SND-7084R/7084/7082/6084R/6084/6083/5084R/5084/5083/3082SNV-1080R/1080SBP-300CM/300LM/300WM/300WM1	Hanging Mount <ul style="list-style-type: none">AluminumCan be used with SCP-3371/2371/2271/3120SCV-3080/2120/2080R/2080/2060SNP-6321/6320/6201/5430/5321/5300SNV-7082/7080R/7080/5080/3120/3082SBP-300CM/300LM/300WM/300WM1	Hanging / Wall Ceiling Mount for 3M Fisheye + Dome Cameras <ul style="list-style-type: none">Aluminum (SBP-300HM4), Poly carbonate (SBP-300TM)Can be used with SCD-6021/5083R/5083/5082/5080, SND-6011R, SNF-7010VM/7010V/7010 (SBP-301HM4)SNF-7010VM/7010V/7010 (SBP-300TM)SBP-300CM/300LM/300WM/300WM1 (SBP-301HM4)	Hanging / Wall Ceiling Mount for 5M Fisheye Cameras <ul style="list-style-type: none">Aluminum (SBP-300HM5), Poly carbonate (SBP-300TM1)Can be used with SNF-8010/8010VM (SBP-300HM5/300TM1), SBP-300CM/300LM/300WM/300WM1 (SBP-300HM5)	Hanging Mount / Wall Mount <ul style="list-style-type: none">Aluminum (300HM6/300HM7), Poly Carbonate (300WM0)Can be used with SCV-6081R (300HM6)SNV-7084R/7084/6084R/6084/5084R/5084 (300HM6)SBP-300CM/300LM/300WM/300WM1 (300HM6)SNV-6013 (300HM7)Small-sized indoor dome cameras (300WM0)
Box Camera Housings			Box Camera Mounts		
SHB-4300H/4300H1/4300H2	SHB-4200/4200H	STH-500/200	SBU-500WM	SBU-220PM	
					
Fixed Housing <ul style="list-style-type: none">Aluminum diecasting constructionFully cable managed bracketBuilt-in fan & heaterSupport three cable glands, IP66	Fixed Housing <ul style="list-style-type: none">Support two cable glandsBuilt-in fan & heater : SHB-4200H	Fixed Housing <ul style="list-style-type: none">For fixed camera applicationWall/ceiling installationsEasy to install side open type	Fixed Mount <ul style="list-style-type: none">Wall mount for positioning systemAluminum materialCan be used with SCU-2370/9080, SCU-VAC	Fixed Mount <ul style="list-style-type: none">Pedestal mount for positioning systemAluminum materialCan be used with SCU-2370/9080, SCU-VAC	
Box Camera Mounts		Positioning			
STB-400/4150V	SCU-VAC	SCU-EVAC	SPI-10A/30A	SBU-550IM	
					
Fixed Mount <ul style="list-style-type: none">Bracket for STH-500/200 : STB-400Bracket for box cameras : STB-4150VSteel material	Positioning System <ul style="list-style-type: none">Integrated receiver, pan/tilt, and housingPosition encoders provide 0.1° accuracy360° pan, +40° to -85° tilt rangeAccepts most 24V AC 3rd party cameras	Explosion Proof Positioning System <ul style="list-style-type: none">Integrated Pan/ Tilt, and Housing360° Pan RotationTilt Range of +90° to -90°IP66 • Telemetry Receiver : SPX-E100	IR Illuminator <ul style="list-style-type: none">Viewable length of 100m (328.1ft) : SPI-1070m (229.66ft) : SPI-30Radiation angle of 10° : SPI-10 / 30° : SPI-30IP66	IR Illuminator Bracket <ul style="list-style-type: none">Applicable with SPI-10/30	
HD-SDI		UTP			
SPH-120R	SPH-110C	SPU-100TR	SPU-400	SPU-400R	
					
HD-SDI Repeater <ul style="list-style-type: none">Repeat the HD-SDI signal from the HD CCTV cameras and enables the extension for the transmission distance	HD-SDI Converter <ul style="list-style-type: none">Accept the HD-SDI signal from the HD CCTV cameras, and converts the signal for presentation on the HDMI input of the monitor	1CH UTP Transceiver <ul style="list-style-type: none">Single channel balun transceiverNo power requiredMale BNC	4CH UTP Power Supply Hub <ul style="list-style-type: none">High quality video & long range transferSurge and lightning protectionSupport RS-485 video inputPower : 300m (984ft)	4CH UTP Power Supply Receiver <ul style="list-style-type: none">High quality video & long range transferSurge and lightning protectionSupport RS-485 video inputVideo : 900m (3000ft)	

PERIPHERAL





• PTZ Cameras

Type	Outdoor PTZ					Indoor PTZ				
Shape										
Color	Ivory									
Model	SCP-2370RH SNP-6320RH SNP-6200RH	SCP-3430H SCP-3250H SCP-2430H SCP-2250H	SCP-3370TH SCP-3370H SCP-2370TH SCP-2370H SCP-2330H SCP-2270H SNP-6200H SNP-5200H SNP-3371TH SNP-3371H SNP-3302H	SCP-3371H SCP-2373H SCP-2371H SCP-2273H SCP-2271H SNP-6321H SNP-6320H SNP-6201H SNP-5430H SNP-5321H SNP-5300H	SCP-3120VH SNP-3120VH	SCP-3430 SCP-3250 SCP-2430 SCP-2250	SCP-3370 SCP-2370 SCP-2330 SCP-2270 SNP-6200 SNP-5200 SNP-3371 SNP-3302	SCP-3371 SCP-2373 SCP-2371 SCP-2273 SCP-2271 SNP-6321 SNP-6320 SNP-6201 SNP-5430 SNP-5321 SNP-5300	SCP-3120 SCP-2120 SNP-3120	

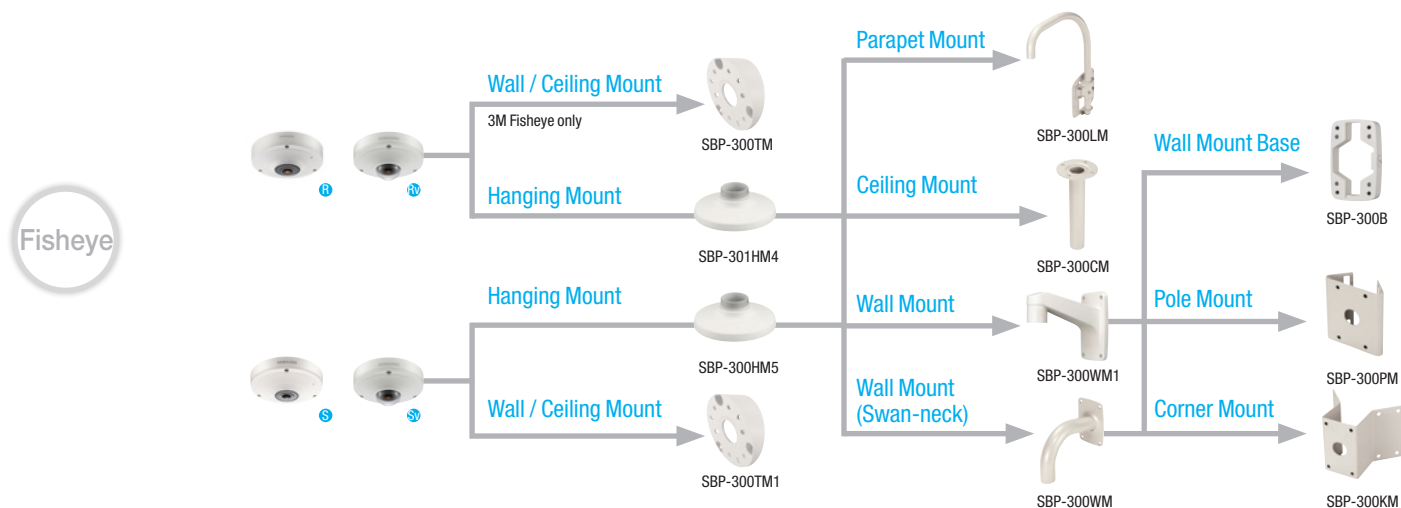
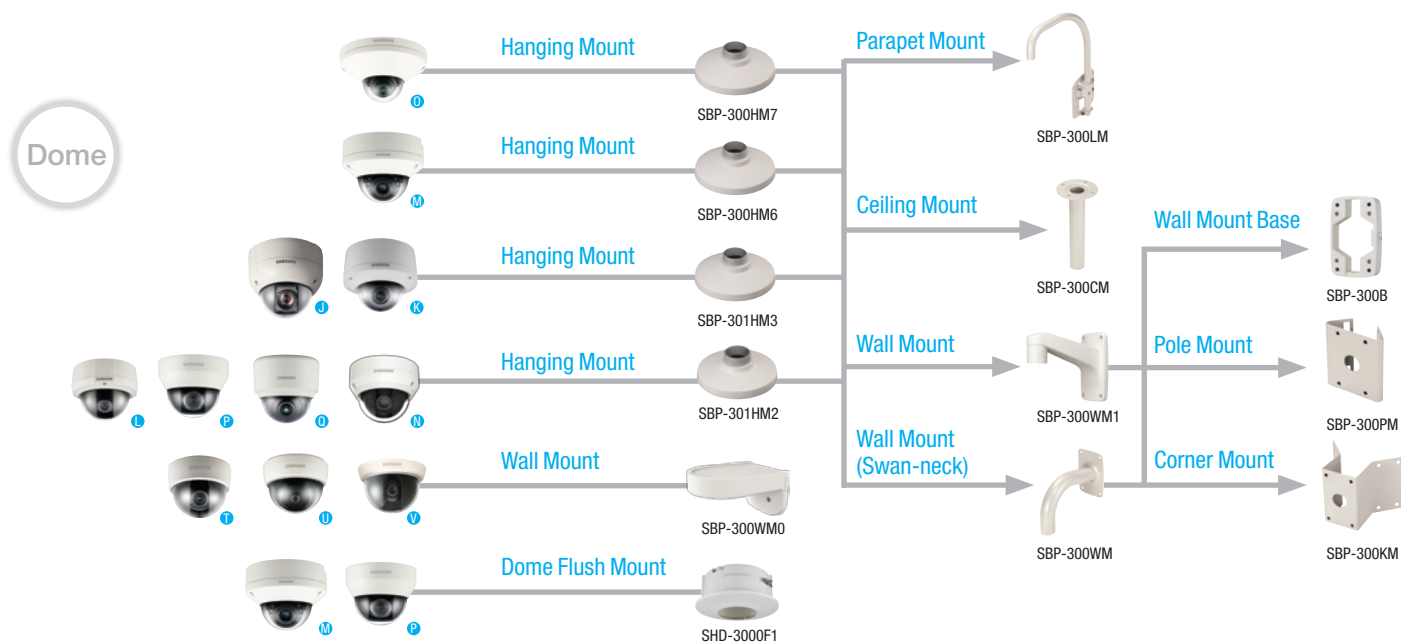
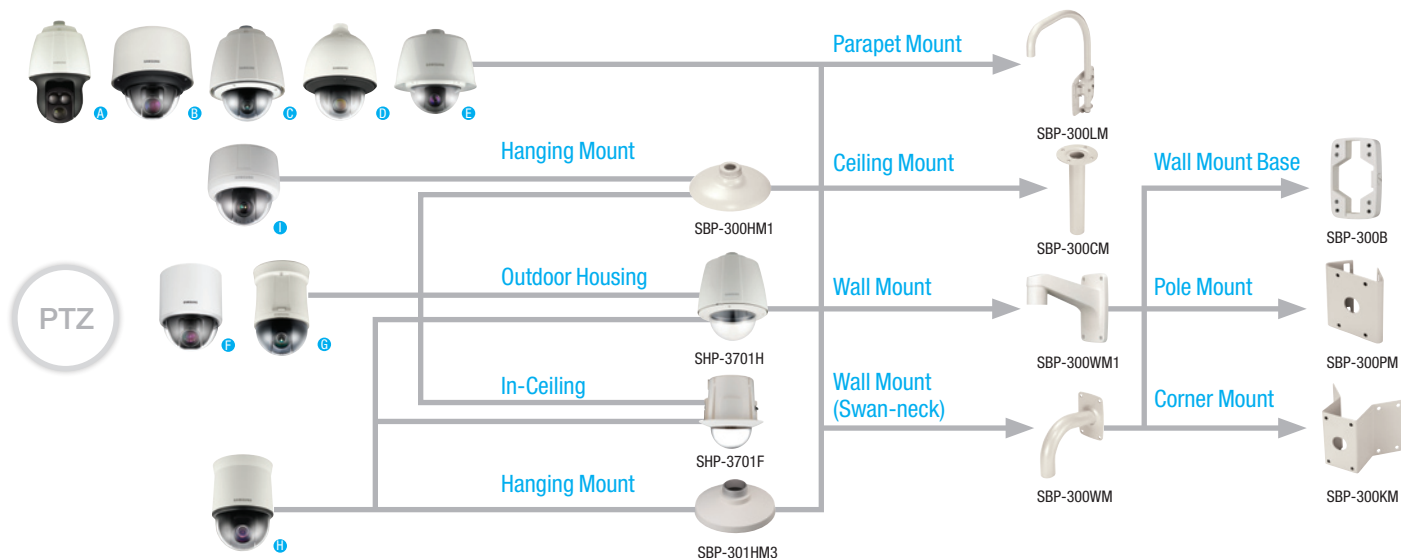
• Dome Cameras

Type	Vandal-Resistant						Indoor Dome				
Shape											
Color	Ivory										
Model	SCV-2120 SCV-2080R	SCV-3120 SCV-3080 SCV-2080 SCV-2060 SNV-7082 SNV-7080R SNV-7080 SNV-5080R SNV-5080 SNV-3120 SNV-3082	SCV-3083 SCV-3082 SCV-3081 SCV-2082R SCV-2081R SCV-2081 SNV-1080R SNV-1080	SCV-6081R SNV-8080 SNV-7084R SNV-7084 SNV-6084R SNV-6084 SNV-5084R SNV-5084	SCV-5083R SCV-5083 SCV-5082	SNV-6013	SND-7084R SND-7084 SND-6084R SND-6084 SND-6083 SND-5084R SND-5084 SND-5083	SCD-6080 SND-7082 SND-5080 SND-3082	SCD-3083 SCD-3082E SCD-3081 SCD-3080 SCD-2082 SCD-2081 SCD-2080R SCD-2080E SCD-2080 SCD-2060E SND-7061 SND-5061 SND-1080	SCD-5030 SCD-5020 SCD-2042R SCD-2040 SCD-2022R SCD-2022 SCD-2021 SCD-2020R SCD-2020 SND-7011 SND-5011 SND-1011 SUD-2020	SUD-2010











• Fisheye + Dome Cameras

Type	3M Fisheye + Dome		5M Fisheye	
Shape				
Color	Ivory			
Model	SNF-7010 SCD-6021 SCD-5083R SCD-5083 SCD-5082 SCD-5080 SND-6011R	SNF-7010V SNF-7010VM	SNF-8010	SNF-8010VM

PERIPHERAL



LENS

Lens Description	Model	Image	Mount	Image Format	Resolution	Focal Length	Back Focal Length	Zoom Ratio	F. No	Minimum Angle of View	Operation			Dimensions (WxHxD)mm / inch	Weight (g / lb)
											Iris	Focus	Zoom		
Zoom Lens	SLA-12240		C	1/2"	1.3Megapixel	12 ~ 240mm 0.47" ~ 9.45"	19.82mm 0.78"	20	1.6	38.9° ~ 1.9°	Auto	Motorized	Motorized	116.0 x 135.0 x 223.5mm 4.57" x 5.31" x 8.8"	2.6Kg 5.73 lb
	SLA-880				8 ~ 80mm 0.31" ~ 3.15"	15.3mm 0.6"	10	1.2	54.3° ~ 5.8°	70.0 x 81.0 x 123.5mm 2.76" x 3.19" x 4.86"				670g 1.48 lb	
Varifocal Lens	SLA-3580DN		CS	1/3"	520K pixel	3.5 ~ 8mm 0.14" ~ 0.31"	8.7 ~ 14.7mm 0.34" ~ 0.58"	2.3	1.0	111.2° ~ 44.7°	DC			38.6 x 45.3 x 46.0mm 1.52" x 1.78" x 1.81"	54.5g 0.12 lb
	SLA-2812DN					2.8 ~ 12mm 0.11" ~ 0.47"	20.2 ~ 8.1mm 0.8" ~ 0.32"	4.2	1.3	133.0° ~ 29.7°				37.5 x 48.0 x 56.0mm 1.48" x 1.89" x 2.2"	71g 0.16 lb
	SLA-550DV					5 ~ 50mm 0.2" ~ 1.97"	10.5 ~ 10.6mm 0.41" ~ 0.42"	10	1.3	64.0° ~ 6.9°				45.0 x 56.2 x 57.8mm 1.77" x 2.21" x 2.28"	100g 0.22 lb
	SLA-M2882			1/3"	1.3Megapixel	2.8 ~ 8.2mm 0.11" ~ 0.32"	7.97 ~ 14.12mm 0.31" ~ 0.56"	2.9	1.4	116.5° ~ 42.4°	Manual	Manual		43.8 x 48.1 x 52.0mm 1.72" x 1.89" x 2.05"	100g 0.22 lb
	SLA-M3180DN			1/2.8"	3Megapixel	3.1 ~ 8mm 0.12" ~ 0.31"	7.8mm 0.31"	2.6	1.2	121.0° ~ 47.5°				43.8 x 48.2 x 55.0mm 1.72" x 1.90" x 2.17"	59g 0.13 lb
	SLA-M3180PN									116.8° ~ 46.2°				57g 0.13 lb	
	SLA-M2890DN					2.8 ~ 9mm 0.11" ~ 0.35"	7.5 ~ 15.9mm 0.3" ~ 0.63"	3.2	1.2	134.2° ~ 42.7°				45.0 x 51.5 x 54.3mm (1.77" x 2.03" x 2.14")	84.0g 0.19 lb
	SLA-M2890PN													82.1g 0.18 lb	

CONTROLLER

Controller				
SPC-6000	SPC-2010	SPC-1010	SPC-300	SPC-200
				
System Control Keyboard <ul style="list-style-type: none"> • 5" TFT touch LCD • Control PTZ dome cameras, DVRs and matrix switchers • Up to 255 units with a single controller • Connect to a system up to 16 controllers 	PTZ / DVR System Controller <ul style="list-style-type: none"> • Control up to 255 PTZ cameras / DVRs • Built-in 3 axis twist zoom joystick • Built-in jog shuttle • 16 x 2 character LCD display • RS-485 and RS-422 interface 	PTZ Control Keyboard <ul style="list-style-type: none"> • Control up to 255 PTZ cameras • Multi protocols supports • OSD Menu, 3D joystick control • RS-485 and RS-422 interface 	Coaxial Remote Controller <ul style="list-style-type: none"> • Control via coaxial cable or RS-485 • Camera connected : 1 unit • Cable extension : max. 500m (with 5C-2V cable) • RS-485 and RS-232C interface 	Camera Zoom & OSD Controller <ul style="list-style-type: none"> • Camera zoom in/out, OSD control • RS-485 communication • Zoom camera RJ-45 connector control

Design and specifications are subject to change without notice.



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

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